

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	926	dither\$3 and contone	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2005/10/15 15:56
L2	1	dither\$3 and contone near3 (red and green and blue)	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2005/10/15 15:58
L3	1906	dither\$3 and (visual or observ\$3)and (luminance or rgb)	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2005/10/15 15:59
L4	8	dither\$3 and (visual or observ\$3)and spatiotemporal and spatial and temporal and frequency and (luminance or rgb)	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2005/10/15 16:02
L5	6	dither\$3 and blackman.xa.	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2005/10/15 16:08
L6	1	((spatial\$2 and temporal\$2) and (spatiotemporal\$2 or spatial-temporal\$2 or spatio-temporal\$2)) and blackman.xa.	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2005/10/15 16:05
L7	3	dither\$3 and blackman.xa. and frequency	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2005/10/15 16:09
L8	0	dither\$3 and blackman.xa. and frequency with (spatial and temporal)	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2005/10/15 16:09
L9	10	dither\$3 same frequency with (spatial and temporal)	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2005/10/15 16:12
L10	9	dither\$3 and frequency with (spatial and temporal)near4 (upper or lower or high\$4 or lowest or top o rbottom)	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2005/10/15 16:13
L11	9	dither\$3 and frequency with (spatial and temporal)near4 (upper or lower or high\$4 or lowest or top or bottom)	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2005/10/15 16:14
L12	1	"2002008168"	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2005/10/15 16:14

L13	0	"2002008168" and dither\$3	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2005/10/15 16:14
L14	0	"2002008o168" and dither\$3	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2005/10/15 16:14
L15	0	"20020080168" and dither\$3	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2005/10/15 16:15
L16	2064	sharp and dither\$3	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2005/10/15 16:17
L17	25	(daly or feng)and dither\$3 and (half-ton\$3 or half adj ton\$3)	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2005/10/15 16:18
L18	23	(daly or feng)and dither\$3 and (half-ton\$3 or half adj ton\$3)and lower	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2005/10/15 16:19
L19	21	(daly or feng)and dither\$3 and (half-ton\$3 or half adj ton\$3)and lower and lowest	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2005/10/15 16:19
L20	0	(daly or feng)and dither\$3 and (half-ton\$3 or half adj ton\$3)and (lower and lowest)near3 frequency	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2005/10/15 16:19
L21	0	(daly or feng)and dither\$3 and (half-ton\$3 or half adj ton\$3)and (lower and lowest)with frequency	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2005/10/15 16:19
L22	3	(daly or feng)and (dither\$3 or (half-ton\$3 or half adj ton\$3))and (lower and lowest)with frequency	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2005/10/15 16:22
L23	29	(daly or feng)and (dither\$3 or (half-ton\$3 or half adj ton\$3))and (((lower and lowest)with frequency)or high-pass or low-pass)	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2005/10/15 16:23
L24	6	(daly or feng)and (dither\$3 or (half-ton\$3 or half adj ton\$3))and (((lower and lowest)with frequency)or high-pass or low-pass)with (spatial\$2 and temporal\$2)	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2005/10/15 16:24

L25	6	(daly or feng)and (dither\$3 or (half-ton\$3 or half adj ton\$3))and (((lower and lowest)with frequency)or high-pass or low-pass)with ((spatial\$2 and temporal\$2)or spatio-temporal\$2 or spatiotemporal\$2 or spatialtemporal)	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2005/10/15 16:25
L26	14	(dither\$3 or (half-ton\$3 or half adj ton\$3))and (((lower and lowest)with frequency)or high-pass or low-pass)with ((spatial\$2 and temporal\$2)or spatio-temporal\$2 or spatiotemporal\$2 or spatialtemporal)	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2005/10/15 16:25
L27	6	("5514865").PN. OR ("5838813").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/15 16:27
L28	1	27 and 16	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/15 16:28
L29	111	dither\$3 and artifact\$1 near3 contour\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/15 16:29
L30	10	dither\$3 and artifact\$1 near3 contour\$3 and high-pass	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/15 16:31
L31	13	dither\$3 and artifact\$1 near3 contour\$3 and (high-pass or high adj2 pass)and (low-pass or low adj2pass)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/15 16:35
L32	4	dither\$3 and artifact\$1 near3 contour\$3 and ((high-pass or high adj2 pass)and (low-pass or low adj2pass))same (filter\$3 and frequency)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/15 16:44
L33	3	dither\$3 and artifact\$1 near3 contour\$3 and ((high-pass or high adj2 pass)and (low-pass or low adj2pass))same (filter\$3 and frequency)and edge\$1	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/15 16:46
L34	2	dither\$3 and artifact\$1 near3 contour\$3 and ((high-pass or high adj2 pass)and (low-pass or low adj2pass))same (filter\$3 and frequency)and edge\$1 and (grey\$7 or gray\$7 or luminance or brightness or lightness)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/15 16:47

L35	6	(dither\$3 or halfton\$3 or half adj2 ton\$3) and artifact\$1 near3 contour\$3 and ((high-pass or high adj2 pass)and (low-pass or low adj2pass))same (filter\$3 and frequency)and edge\$1 and (grey\$7 or gray\$7 or luminance or brightness or lightness)same (dither\$3 or halfton\$3 or half adj2 ton\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/15 16:49
L36	6	(dither\$3 or halfton\$3 or half adj2 ton\$3) and artifact\$1 near3 contour\$3 and (((high-pass or high adj2 pass)and (low-pass or low adj2pass))same (filter\$3 and frequency)and edge\$1) and (grey\$7 or gray\$7 or luminance or brightness or lightness)same (dither\$3 or halfton\$3 or half adj2 ton\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/15 16:49
L37	1	(dither\$3 or halfton\$3 or half adj2 ton\$3) same artifact\$1 near3 contour\$3 and (((high-pass or high adj2 pass)and (low-pass or low adj2pass))same (filter\$3 and frequency)and edge\$1) and (grey\$7 or gray\$7 or luminance or brightness or lightness)same (dither\$3 or halfton\$3 or half adj2 ton\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/15 16:50
L38	0	(dither\$3 or halfton\$3 or half adj2 ton\$3) same artifact\$1 near3 contour\$3 and (((high-pass or high adj2 pass)and (low-pass or low adj2pass))same (filter\$3 and frequency)and edge\$1) and (grey\$7 or gray\$7 or luminance or brightness or lightness)same (dither\$3 or halfton\$3 or half adj2 ton\$3)and til\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/15 16:51
L39	0	(dither\$3 or halfton\$3 or half adj2 ton\$3) same artifact\$1 near3 contour\$3 and (((high-pass or high adj2 pass)and (low-pass or low adj2pass))same (filter\$3 and frequency)and edge\$1) and (grey\$7 or gray\$7 or luminance or brightness or lightness)same (dither\$3 or halfton\$3 or half adj2 ton\$3)and (tiling or tile\$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/15 16:51
L40	5	(dither\$3 or halfton\$3 or half adj2 ton\$3)and artifact\$1 near3 contour\$3 and (((high-pass or high adj2 pass)and (low-pass or low adj2pass))same (filter\$3 and frequency)and edge\$1) and (grey\$7 or gray\$7 or luminance or brightness or lightness)same (dither\$3 or halfton\$3 or half adj2 ton\$3)and (tiling or tile\$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/15 16:52

L41	5	(dither\$3 or halfton\$3 or half adj2 ton\$3)and artifact\$1 near3 contour\$3 and (((high-pass or high adj2 pass)and (low-pass or low adj2 pass))same (filter\$3 and frequency)and edge\$1) and (grey\$7 or gray\$7 or luminance or brightness or lightness)same (dither\$3 or halfton\$3 or half adj2 ton\$3)and (tiling or tile\$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/15 16:54
L42	5	(dither\$3 or halfton\$3 or half adj2 ton\$3)and artifact\$1 near3 contour\$3 and (((high-pass or high adj2 pass or highpass)and (lowpass or low-pass or low adj2 pass))same (filter\$3 and frequency)and edge\$1) and (grey\$7 or gray\$7 or luminance or brightness or lightness)same (dither\$3 or halfton\$3 or half adj2 ton\$3)and (tiling or tile\$1)and (low and high)near3 frequency	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/15 16:59
L43	5	(dither\$3 or halfton\$3 or half adj2 ton\$3)and artifact\$1 near3 contour\$3 and (((high-pass or high adj2 pass or highpass)and (lowpass or low-pass or low adj2 pass))same (filter\$3 and frequency)and edge\$1) and (grey\$7 or gray\$7 or luminance or brightness or lightness)same (dither\$3 or halfton\$3 or half adj2 ton\$3)and (tiling or tile\$1)and (low and high)near3 frequency and (rgb or (grey\$7 or gray\$7 or luminance or brightness or lightness))same (frequency or (high-pass or high adj2 pass or highpass)and (lowpass or low-pass or low adj2 pass))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/15 17:01

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	5109	(spatial\$2 and temporal\$2 or (spatiotemporal\$2 or spatial-temporal\$2 or spatio-temporal\$2)) same frequency	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2005/10/15 20:43
L2	2102	(spatial\$2 and temporal\$2 or (spatiotemporal\$2 or spatial-temporal\$2 or spatio-temporal\$2)) same frequency with (spatial)	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2005/10/15 20:43
L3	1640	(spatial\$2 and temporal\$2 or (spatiotemporal\$2 or spatial-temporal\$2 or spatio-temporal\$2)) same frequency with (spatial and temporal)	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2005/10/15 20:44
L4	1517	(spatial\$2 and temporal\$2 or (spatiotemporal\$2 or spatial-temporal\$2 or spatio-temporal\$2)) with frequency with (spatial and temporal)	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2005/10/15 20:44
L5	207	(spatial\$2 and temporal\$2 or (spatiotemporal\$2 or spatial-temporal\$2 or spatio-temporal\$2)) with frequency with ((upper and lower) or (high\$3 and low\$3) or (top and bottom))	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2005/10/15 20:46
L6	110	(spatial\$2 and temporal\$2 or (spatiotemporal\$2 or spatial-temporal\$2 or spatio-temporal\$2)) with frequency with ((upper and lower) or (high\$3 and low\$3) or (top and bottom))and ((tiles or tiled or tile or tiling)or pattern\$1)	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2005/10/15 20:47
L7	7	(spatial\$2 and temporal\$2 or (spatiotemporal\$2 or spatial-temporal\$2 or spatio-temporal\$2)) with frequency with ((upper and lower) or (high\$3 and low\$3) or (top and bottom))and ((tiles or tiled or tile or tiling)or pattern\$1)and (noise and dither\$3)	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2005/10/15 20:50
L8	0	((spatial\$2 and temporal\$2 or (spatiotemporal\$2 or spatial-temporal\$2 or spatio-temporal\$2)) with frequency with ((upper and lower) or (high\$3 and low\$3) or (top and bottom))and ((tiles or tiled or tile or tiling)or pattern\$1)and (noise and dither\$3)). clm.	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2005/10/15 20:48

L9	0	((spatial\$2 and temporal\$2 or (spatiotemporal\$2 or spatial-temporal\$2 or spatio-temporal\$2)) with frequency with ((upper and lower) or (high\$3 and low\$3) or (top and bottom))and ((tiles or tiled or tile or tiling)or pattern\$1)and (noise and dither\$3)). ab.	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2005/10/15 20:48
L10	70	(spatial\$2 and temporal\$2 or (spatiotemporal\$2 or spatial-temporal\$2 or spatio-temporal\$2)) with frequency with ((upper and lower) or (high\$3 and low\$3) or (top and bottom))and ((tiles or tiled or tile or tiling)or pattern\$1)and (noise and dither\$3 or (high-pass or highpass or "high pass" or lowpass or "low pass" or low-pass))	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2005/10/15 20:51
L11	23	(spatial\$2 and temporal\$2 or (spatiotemporal\$2 or spatial-temporal\$2 or spatio-temporal\$2)) with frequency with ((upper and lower) or (high\$3 and low\$3) or (top and bottom))and ((tiles or tiled or tile or tiling)or pattern\$1)same (noise and dither\$3 or (high-pass or highpass or "high pass" or lowpass or "low pass" or low-pass))	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2005/10/15 20:56
L12	3	((spatial\$2 and temporal\$2 or (spatiotemporal\$2 or spatial-temporal\$2 or spatio-temporal\$2)) with frequency with ((upper and lower) or (high\$3 and low\$3) or (top and bottom))and ((tiles or tiled or tile or tiling)or pattern\$1)and (noise and dither\$3 or (high-pass or highpass or "high pass" or lowpass or "low pass" or low-pass))).clm.	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2005/10/15 20:51
L13	32	(spatial\$2 and temporal\$2 or (spatiotemporal\$2 or spatial-temporal\$2 or spatio-temporal\$2)) with frequency with ((upper and lower) or (high\$3 and low\$3) or (top and bottom))and ((tiles or tiled or tile or tiling or repeat\$3 or repetitive\$2)or pattern\$1)same (noise and dither\$3 or (high-pass or highpass or "high pass" or lowpass or "low pass" or low-pass))	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2005/10/15 21:34

L14	37	(spatial\$2 and temporal\$2 or (spatiotemporal\$2 or spatial-temporal\$2 or spatio-temporal\$2)) with frequency with ((upper and lower) or (high\$3 and low\$3) or (top and bottom))and ((tiles or tiled or tile or tiling or repeat\$3 or repetitive\$2)or pattern\$1)same (noise and dither\$3 or (high-pass or highpass or "high pass" or lowpass or "low pass" or low-pass)and (high\$3 or low\$3)near5 temporal\$2 or (spatiotemporal\$2 or spatial-temporal\$2 or spatio-temporal\$2))	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2005/10/15 21:36
L15	37	(spatial\$2 and temporal\$2 or (spatiotemporal\$2 or spatial-temporal\$2 or spatio-temporal\$2)) with frequency with ((upper and lower) or (high\$3 and low\$3) or (top and bottom))and ((tiles or tiled or tile or tiling or repeat\$3 or repetitive\$2)or pattern\$1)same (noise and dither\$3 or (high-pass or highpass or "high pass" or lowpass or "low pass" or low-pass)and (high\$3 or low\$3)near5 temporal\$2 or (spatiotemporal\$2 or spatial-temporal\$2 or spatio-temporal\$2))and (first or second or multiple or plural\$3 or multiple)	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2005/10/15 21:37
L16	31	(spatial\$2 and temporal\$2 or (spatiotemporal\$2 or spatial-temporal\$2 or spatio-temporal\$2)) with frequency with ((upper and lower) or (high\$3 and low\$3) or (top and bottom))and ((tiles or tiled or tile or tiling or repeat\$3 or repetitive\$2)or pattern\$1)same (noise and dither\$3 or (high-pass or highpass or "high pass" or lowpass or "low pass" or low-pass)and (high\$3 or low\$3)near5 temporal\$2 or (spatiotemporal\$2 or spatial-temporal\$2 or spatio-temporal\$2))and (first or second or multiple or plural\$3 or multiple)with (array\$1 or pattern\$1 or tile\$1 or tiling or frequency or spatial\$2 or temporal\$2)	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2005/10/15 21:39

L17	28	(spatial\$2 and temporal\$2 or (spatiotemporal\$2 or spatial-temporal\$2 or spatio-temporal\$2)) with frequency with ((upper and lower) or (high\$3 and low\$3) or (top and bottom))and ((tiles or tiled or tile or tiling or repeat\$3 or repetitive\$2)or pattern\$1)same (noise and dither\$3 or (high-pass or highpass or "high pass" or lowpass or "low pass" or low-pass)and (high\$3 or low\$3)near5 temporal\$2 or (spatiotemporal\$2 or spatial-temporal\$2 or spatio-temporal\$2))and (first or second or multiple or plural\$3 or multiple)near4 (array\$1 or pattern\$1 or tile\$1 or tiling or frequency or spatial\$2 or temporal\$2)	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2005/10/15 21:38
L18	27	(spatial\$2 and temporal\$2 or (spatiotemporal\$2 or spatial-temporal\$2 or spatio-temporal\$2)) with frequency with ((upper and lower) or (high\$3 and low\$3) or (top and bottom))and ((tiles or tiled or tile or tiling or repeat\$3 or repetitive\$2)or pattern\$1)same (noise and dither\$3 or (high-pass or highpass or "high pass" or lowpass or "low pass" or low-pass)and (high\$3 or low\$3)near5 temporal\$2 or (spatiotemporal\$2 or spatial-temporal\$2 or spatio-temporal\$2))and (first or second or multiple or plural\$3 or multiple)near3 (array\$1 or pattern\$1 or tile\$1 or tiling or frequency or spatial\$2 or temporal\$2)	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2005/10/15 21:39

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	5109	(spatial\$2 and temporal\$2 or (spatiotemporal\$2 or spatial-temporal\$2 or spatio-temporal\$2)) same frequency	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2005/10/15 20:43
L2	2102	(spatial\$2 and temporal\$2 or (spatiotemporal\$2 or spatial-temporal\$2 or spatio-temporal\$2)) same frequency with (spatial)	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2005/10/15 20:43
L3	1640	(spatial\$2 and temporal\$2 or (spatiotemporal\$2 or spatial-temporal\$2 or spatio-temporal\$2)) same frequency with (spatial and temporal)	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2005/10/15 20:44
L4	1517	(spatial\$2 and temporal\$2 or (spatiotemporal\$2 or spatial-temporal\$2 or spatio-temporal\$2)) with frequency with (spatial and temporal)	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2005/10/15 20:44
L5	207	(spatial\$2 and temporal\$2 or (spatiotemporal\$2 or spatial-temporal\$2 or spatio-temporal\$2)) with frequency with ((upper and lower) or (high\$3 and low\$3) or (top and bottom))	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2005/10/15 20:46
L6	110	(spatial\$2 and temporal\$2 or (spatiotemporal\$2 or spatial-temporal\$2 or spatio-temporal\$2)) with frequency with ((upper and lower) or (high\$3 and low\$3) or (top and bottom))and ((tiles or tiled or tile or tiling)or pattern\$1)	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2005/10/15 20:47
L7	7	(spatial\$2 and temporal\$2 or (spatiotemporal\$2 or spatial-temporal\$2 or spatio-temporal\$2)) with frequency with ((upper and lower) or (high\$3 and low\$3) or (top and bottom))and ((tiles or tiled or tile or tiling)or pattern\$1)and (noise and dither\$3)	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2005/10/15 20:50
L8	0	((spatial\$2 and temporal\$2 or (spatiotemporal\$2 or spatial-temporal\$2 or spatio-temporal\$2)) with frequency with ((upper and lower) or (high\$3 and low\$3) or (top and bottom))and ((tiles or tiled or tile or tiling)or pattern\$1)and (noise and dither\$3)). clm.	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2005/10/15 20:48

L9	0	((spatial\$2 and temporal\$2 or (spatiotemporal\$2 or spatial-temporal\$2 or spatio-temporal\$2)) with frequency with ((upper and lower) or (high\$3 and low\$3) or (top and bottom))and ((tiles or tiled or tile or tiling)or pattern\$1)and (noise and dither\$3)). ab.	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2005/10/15 20:48
L10	70	(spatial\$2 and temporal\$2 or (spatiotemporal\$2 or spatial-temporal\$2 or spatio-temporal\$2)) with frequency with ((upper and lower) or (high\$3 and low\$3) or (top and bottom))and ((tiles or tiled or tile or tiling)or pattern\$1)and (noise and dither\$3 or (high-pass or highpass or "high pass" or lowpass or "low pass" or low-pass))	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2005/10/15 20:51
L11	23	(spatial\$2 and temporal\$2 or (spatiotemporal\$2 or spatial-temporal\$2 or spatio-temporal\$2)) with frequency with ((upper and lower) or (high\$3 and low\$3) or (top and bottom))and ((tiles or tiled or tile or tiling)or pattern\$1)same (noise and dither\$3 or (high-pass or highpass or "high pass" or lowpass or "low pass" or low-pass))	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2005/10/15 20:56
L12	3	((spatial\$2 and temporal\$2 or (spatiotemporal\$2 or spatial-temporal\$2 or spatio-temporal\$2)) with frequency with ((upper and lower) or (high\$3 and low\$3) or (top and bottom))and ((tiles or tiled or tile or tiling)or pattern\$1)and (noise and dither\$3 or (high-pass or highpass or "high pass" or lowpass or "low pass" or low-pass))).clm.	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2005/10/15 20:51
L13	32	(spatial\$2 and temporal\$2 or (spatiotemporal\$2 or spatial-temporal\$2 or spatio-temporal\$2)) with frequency with ((upper and lower) or (high\$3 and low\$3) or (top and bottom))and ((tiles or tiled or tile or tiling or repeat\$3 or repetitive\$2)or pattern\$1)same (noise and dither\$3 or (high-pass or highpass or "high pass" or lowpass or "low pass" or low-pass))	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2005/10/15 21:34

L14	37	(spatial\$2 and temporal\$2 or (spatiotemporal\$2 or spatial-temporal\$2 or spatio-temporal\$2)) with frequency with ((upper and lower) or (high\$3 and low\$3) or (top and bottom))and ((tiles or tiled or tile or tiling or repeat\$3 or repetitive\$2)or pattern\$1)same (noise and dither\$3 or (high-pass or highpass or "high pass" or lowpass or "low pass" or low-pass)and (high\$3 or low\$3)near5 temporal\$2 or (spatiotemporal\$2 or spatial-temporal\$2 or spatio-temporal\$2))	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2005/10/15 21:36
L15	37	(spatial\$2 and temporal\$2 or (spatiotemporal\$2 or spatial-temporal\$2 or spatio-temporal\$2)) with frequency with ((upper and lower) or (high\$3 and low\$3) or (top and bottom))and ((tiles or tiled or tile or tiling or repeat\$3 or repetitive\$2)or pattern\$1)same (noise and dither\$3 or (high-pass or highpass or "high pass" or lowpass or "low pass" or low-pass)and (high\$3 or low\$3)near5 temporal\$2 or (spatiotemporal\$2 or spatial-temporal\$2 or spatio-temporal\$2))and (first or second or multiple or plural\$3 or multiple)	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2005/10/15 21:37
L16	31	(spatial\$2 and temporal\$2 or (spatiotemporal\$2 or spatial-temporal\$2 or spatio-temporal\$2)) with frequency with ((upper and lower) or (high\$3 and low\$3) or (top and bottom))and ((tiles or tiled or tile or tiling or repeat\$3 or repetitive\$2)or pattern\$1)same (noise and dither\$3 or (high-pass or highpass or "high pass" or lowpass or "low pass" or low-pass)and (high\$3 or low\$3)near5 temporal\$2 or (spatiotemporal\$2 or spatial-temporal\$2 or spatio-temporal\$2))and (first or second or multiple or plural\$3 or multiple)with (array\$1 or pattern\$1 or tile\$1 or tiling or frequency or spatial\$2 or temporal\$2)	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2005/10/15 21:48

L17	28	(spatial\$2 and temporal\$2 or (spatiotemporal\$2 or spatial-temporal\$2 or spatio-temporal\$2)) with frequency with ((upper and lower) or (high\$3 and low\$3) or (top and bottom))and ((tiles or tiled or tile or tiling or repeat\$3 or repetitive\$2)or pattern\$1)same (noise and dither\$3 or (high-pass or highpass or "high pass" or lowpass or "low pass" or low-pass)and (high\$3 or low\$3)near5 temporal\$2 or (spatiotemporal\$2 or spatial-temporal\$2 or spatio-temporal\$2))and (first or second or multiple or plural\$3 or multiple)near4 (array\$1 or pattern\$1 or tile\$1 or tiling or frequency or spatial\$2 or temporal\$2)	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2005/10/15 21:38
L18	27	(spatial\$2 and temporal\$2 or (spatiotemporal\$2 or spatial-temporal\$2 or spatio-temporal\$2)) with frequency with ((upper and lower) or (high\$3 and low\$3) or (top and bottom))and ((tiles or tiled or tile or tiling or repeat\$3 or repetitive\$2)or pattern\$1)same (noise and dither\$3 or (high-pass or highpass or "high pass" or lowpass or "low pass" or low-pass)and (high\$3 or low\$3)near5 temporal\$2 or (spatiotemporal\$2 or spatial-temporal\$2 or spatio-temporal\$2))and (first or second or multiple or plural\$3 or multiple)near3 (array\$1 or pattern\$1 or tile\$1 or tiling or frequency or spatial\$2 or temporal\$2)	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2005/10/15 21:39

L19	24	(spatial\$2 and temporal\$2 or (spatiotemporal\$2 or spatial-temporal\$2 or spatio-temporal\$2)) with frequency with ((upper and lower) or (high\$3 and low\$3) or (top and bottom))and ((tiles or tiled or tile or tiling or repeat\$3 or repetitive\$2)or pattern\$1)same (noise and dither\$3 or (high-pass or highpass or "high pass" or lowpass or "low pass" or low-pass)and (high\$3 or low\$3)near5 temporal\$2 or (spatiotemporal\$2 or spatial-temporal\$2 or spatio-temporal\$2))and (first or second or multiple or plural\$3 or multiple)near2 (array\$1 or pattern\$1 or tile\$1 or tiling or frequency or spatial\$2 or temporal\$2)	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2005/10/15 21:39
L20	23	(spatial\$2 and temporal\$2 or (spatiotemporal\$2 or spatial-temporal\$2 or spatio-temporal\$2)) with frequency with ((upper and lower) or (high\$3 and low\$3) or (top and bottom))and ((tiles or tiled or tile or tiling or repeat\$3 or repetitive\$2)or pattern\$1)same (noise and dither\$3 or (high-pass or highpass or "high pass" or lowpass or "low pass" or low-pass)and (high\$3 or low\$3)near5 temporal\$2 or (spatiotemporal\$2 or spatial-temporal\$2 or spatio-temporal\$2))and (first or second or multiple or plural\$3 or multiple)with (array\$1 or pattern\$1 or tile\$1 or tiling or frequency or spatial\$2 or temporal\$2)and (noise or dither\$3 or error adj diffusion or half-ton\$4 or half-ton\$3 or "half ton\$3")	US-PGPUB; USPAT; JPO; IBM_TDB	OR	ON	2005/10/15 21:49



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- L1: (5109) (spatial\$2 and t
- L2: (2102) (spatial\$2 and t
- L3: (1640) (spatial\$2 and t
- L4: (1517) (spatial\$2 and t
- L5: (207) (spatial\$2 and te
- L6: (110) (spatial\$2 and te
- L7: (7) (spatial\$2 and temp
- L8: (0) ((spatial\$2 and tem
- L9: (0) ((spatial\$2 and tem
- L10: (70) (spatial\$2 and te
- L11: (23) (spatial\$2 and te
- L12: (3) ((spatial\$2 and te
- L13: (32) (spatial\$2 and te
- L14: (37) (spatial\$2 and te
- L15: (37) (spatial\$2 and te
- L17: (28) (spatial\$2 and te
- L18: (27) (spatial\$2 and te
- L19: (24) (spatial\$2 and te
- L16: (31) (spatial\$2 and te
- L20: (23) (spatial\$2 and te

Failed

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- S1: (926) dither\$3 and cont
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- S5: (6) dither\$3 and blackn
- S6: (1) ((spatial\$2 and tem
- S7: (3) dither\$3 and blackn
- S8: (0) dither\$3 and blackn

	U	1	Document ID	Issue Date	Pages	Title	Current OR
1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 20050174360	20050811	14	Methods and systems for adaptive dither structure	345/596
2	<input type="checkbox"/>	<input type="checkbox"/>	US 20040252759	20041216	43	Quality control in frame interpolation with motion	375/240.12
3	<input type="checkbox"/>	<input type="checkbox"/>	US 20040252230	20041216	43	Increasing motion smoothness using frame in	348/402.1
4	<input type="checkbox"/>	<input type="checkbox"/>	US 20040193670	20040930	32	Spatio-temporal filter and method	708/819
5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 20040170335	20040902	43	N-dimensional data compression using set par	382/240
6	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 20040165115	20040826	12	Bit-depth extension with models of equivalent inpu	348/624
7	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 20030164961	20030904	12	Bit-depth extension with models of equivalent inpu	358/1.9
8	<input type="checkbox"/>	<input type="checkbox"/>	US 20030041084	20030227	32	Statement regarding federally sponsered resea	708/819
9	<input type="checkbox"/>	<input type="checkbox"/>	US 20010042825	20011122	23	Ditherless non-uniformity compensation for infrared	250/252.1
10	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 6674911 B1	20040106	41	N-dimensional data compression using set par	382/240
11	<input type="checkbox"/>	<input type="checkbox"/>	US 6581046 B1	20030617	54	Neuronal phase-locked loops	706/15
12	<input type="checkbox"/>	<input type="checkbox"/>	US 6507018 B2	20030114	23	Ditherless non-uniformity compensation for infrared	250/252.1
13	<input type="checkbox"/>	<input type="checkbox"/>	US 6253022 B1	20010626	23	Video signal encoded with additional detail informa	386/109
14	<input type="checkbox"/>	<input type="checkbox"/>	US 6246827 B1	20010612	57	Deemphasis and subsequent reemphasis of high-energy	386/33
15	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 6104863 A	20000815	25	Video signal encoded with additional detail informa	386/109
16	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 5925875 A	19990720	18	Apparatus and method for compensating for fixed pa	250/208.1
17	<input type="checkbox"/>	<input type="checkbox"/>	US 5673355 A	19970930	52	Deemphasis & Subsequent reemphasis of high-energy	386/9
18	<input type="checkbox"/>	<input type="checkbox"/>	US 5596418 A	19970121	51	Deemphasis and subsequent reemphasis of high-energy	386/9
19	<input type="checkbox"/>	<input type="checkbox"/>	US 5539482 A	19960723	15	Glaucoma testing using non-linear systems identi	351/246
20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 5442462 A	19950815	31	Apparatus and method for	358/463

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	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Document ID	Issue Date	Pages	Title	Current OR	Current XRe	Invent
1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 20050174360	20050811	14	Methods and systems for adaptive dither structure	345/596		Daly, Scott al.
2	<input type="checkbox"/>	<input type="checkbox"/>	US 20040252759	20041216	43	Quality control in frame interpolation with motion	375/240.12	375/240.01	John Winder, Anthony et a
3	<input type="checkbox"/>	<input type="checkbox"/>	US 20040252230	20041216	43	Increasing motion smoothness using frame in	348/402.1	348/401.1; 348/407.1	Winder, Simo Anthony John
4	<input type="checkbox"/>	<input type="checkbox"/>	US 20040193670	20040930	32	Spatio-temporal filter and method	708/819		Langan, John al.
5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 20040170335	20040902	43	N-dimensional data compression using set par	382/240	382/251	Pearlman, Wi Abraham et a
6	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 20040165115	20040826	12	Bit-depth extension with models of equivalent inpu	348/624		Daly, Scott
7	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 20030164961	20030904	12	Bit-depth extension with models of equivalent inpu	358/1.9	358/463	Daly, Scott
8	<input type="checkbox"/>	<input type="checkbox"/>	US 20030041084	20030227	32	Statement regarding federally sponsered resea	708/819		Langan, John al.
9	<input type="checkbox"/>	<input type="checkbox"/>	US 20010042825	20011122	23	Ditherless non-uniformity compensation for infrared	250/252.1		Young, Ching
10	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 6674911 B1	20040106	41	N-dimensional data compression using set par	382/240	375/240.19	Pearlman; Wi et al.
11	<input type="checkbox"/>	<input type="checkbox"/>	US 6581046 B1	20030617	54	Neuronal phase-locked loops	706/15	711/200	Ahissar; Ehu
12	<input type="checkbox"/>	<input type="checkbox"/>	US 6507018 B2	20030114	23	Ditherless non-uniformity compensation for infrared	250/252.1	250/234	Young; Ching
13	<input type="checkbox"/>	<input type="checkbox"/>	US 6253022 B1	20010626	23	Video signal encoded with additional detail informa	386/109	348/427.1	Strolle; Chr H. et al.
14	<input type="checkbox"/>	<input type="checkbox"/>	US 6246827 B1	20010612	57	Deemphasis and subsequent reemphasis of high-energy	386/33	348/392.1; 348/427.1;	Strolle; Chr H. et al.
15	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 6104863 A	20000815	25	Video signal encoded with additional detail informa	386/109	348/427.1	Strolle; Chr H. et al.
16	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 5925875 A	19990720	18	Apparatus and method for compensating for fixed pa	250/208.1	250/332	Frey; Robert
17	<input type="checkbox"/>	<input type="checkbox"/>	US 5673355 A	19970930	52	Deemphasis & Subsequent reemphasis of high-energy	386/9	348/708; 348/712;	Strolle; Chr H. et al.
18	<input type="checkbox"/>	<input type="checkbox"/>	US 5596418 A	19970121	51	Deemphasis and subsequent reemphasis of high-energy	386/9	348/427.1; 348/438.1;	Strolle; Chr H. et al.
19	<input type="checkbox"/>	<input type="checkbox"/>	US 5539482 A	19960723	15	Glaucoma testing using non-linear systems identi	351/246	351/205; 351/221;	James; Andre al.
20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 5442462 A	19950815	31	Apparatus and method for	358/463	358/447;	Guissin; Ram

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